



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
REGION III  
1650 Arch Street  
Philadelphia, Pennsylvania 19103-2029

CERTIFIED MAIL  
RETURN RECEIPT REQUEST (at 3WC22)

Ms. Lynne Woodside  
Supervisor  
Environmental and Safety Affairs  
NGK Metals Corporation  
917 US Highway 11 South  
Sweetwater, TN 37874

March 7, 2007

Re: NGK Metals Corporation,  
Muhlenberg, Pennsylvania

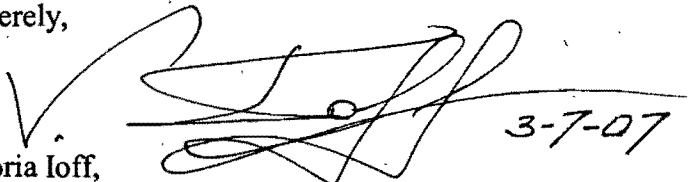
Dear Ms. Woodside:

The Environmental Protection Agency (EPA) has completed its review of the "Engineer's Certification of Cap Installation Report" for the NGK Metals Corporation, Muhlenberg, Pennsylvania plant. The Report dated June 12, 2006 was prepared by EartTech, Mechanicsburg, PA. EPA approves the Final Cap Installation Report as it covering both, Eastern and Western, Red Mud Areas at the facility site.

This was the final step in the remedy construction at the facility. The NGK Metals Corporation 65 acres property in Muhlenberg Township, Berks County, Pennsylvania was remediated in accordance with the RCRA Section 3008 (h), Final Administrative Order of June 29, 1994.

If you have any further questions regarding RCRA corrective actions for the NGK Metals Corporation site, please contact Victoria Ioff, Project Manager at (215) 814-4315.

Sincerely,

  
Victoria Ioff,  
Remedial Project Manager  
Pennsylvania Operations Branch  
Waste & Chemicals Management Division

3-7-07





FILE

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Ms. Lynne Woodside  
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March 16, 2007

Re: NGK Metals Corporation,  
Muhlenberg, Pennsylvania  
Annual Corrective Measures Report

Dear Ms. Woodside:

The Environmental Protection Agency (EPA) has completed its review of the May 2005 to May 2006 Annual Corrective Measures Report, dated August 2006. Following are EPA comments on the report:

Figure 2 - Site Map - This figure should be modified to show offsite sampling locations, or a separate figure should be provided showing offsite sampling locations;

Figure 3 - Groundwater Contour Map - Shallow and deep well groundwater elevation data are contoured together. Separate contour maps for shallow and deep wells should be drawn. Contours in the northeast pumping area are disconnected from the remaining contours presented on the map, presenting a confusing picture;

Figure 4 - Drawdown Contour Map - There are missing contours around well DW-32. Well DW-12 has a drawdown of -26.72 feet, but is shown between the 20 and 24 foot contour lines, and drawdown is not shown to be centered on that pumping well;

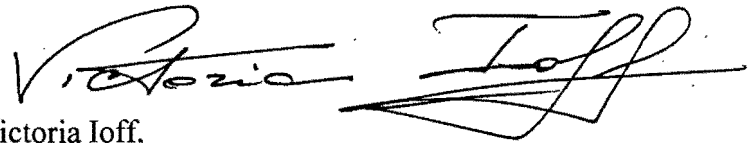
Figure 5 - Beryllium Isoconcentration Map - There are 3 closed contour lines shown on the figure: the outer contour is labelled 0.01, the middle contour is labelled 0.01, and the innermost contour is labelled 0.05. Based on the data presented, the middle contour should be labelled 0.10, and the innermost contour should be labelled 0.50;

Figure 8 - Fluoride Isoconcentration Map - Well DW-27 has a fluoride concentration of 12.5, but is shown between the 4.0 and 10.0 contour lines;

Appendix F - Groundwater Quality Trend Graphs - The graph for BP-1 needs to be redrawn - the Y axis is labelled as concentration, but the values are shown as dates.

If you have any further questions regarding Annual Corrective Measures Report, dated August 2006 for the NGK Metals Corporation site, please contact Victoria Ioff, Project Manager, at [ioff.vickie@epa.gov](mailto:ioff.vickie@epa.gov) or (215) 814-3415, or Joel Hennessy, Hydrologist, at [hennessy.joel@epa.gov](mailto:hennessy.joel@epa.gov) or 215-814-3390.

Sincerely,

A handwritten signature in black ink, appearing to read "Victoria Ioff", with a stylized flourish extending from the end of the name.

Victoria Ioff,  
Remedial Project Manager  
Pennsylvania Operations Branch  
Waste & Chemicals Management Division

CC: Marilyn A. Hewitt, P.G, Roux Associates Inc.



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2ND  
copy

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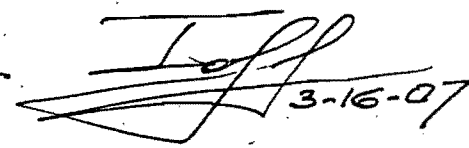
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Sincerely,

  
Victoria Ioff,  
Remedial Project Manager  
Pennsylvania Operations Branch  
Waste & Chemicals Management Division

 3-16-07

CC: Marilyn A. Hewitt, P.G, Roux Associates Inc.



# FAX TRANSMISSION

U.S. Environmental Protection Agency

**To:** Kathleen Horvath

**Date:** August 7, 2007

**Fax #:** 717.705.4830

**Pages:** 1, including this cover sheet.

**From:** Kevin Bilash

**Subject:** NGK GW Results

## COMMENTS:

Kathy,

These are the most recent results I could find. Vickie sent a letter in May referencing these data and I don't believe anything more recent has come in. In either case, it will give you an idea as to what the concentrations are.

